

## Claims

1. In a voice recognition system, an apparatus comprising:
  - 2 a front end processing unit, for processing voice data for said voice  
recognition system, configured for receiving different configuration files at  
4 different times; and  
a microprocessor configured for providing said front end  
6 configuration files on a communication link at said different times.
2. The apparatus as recited in claim 1, wherein said communication  
2 link is a wireless communication link.
3. The apparatus as recited in claim 1, wherein said front end  
2 processing unit is a digital signal processor.
4. The apparatus as recited in claim 1, wherein said front end  
2 processing unit is programmable for programming said different configuration  
files at said different times.
5. The apparatus as recited in claim 1 further comprising:
  - 2 a communication network for hosting said microprocessor and for  
communicating on said communication link, wherein said voice recognition  
4 system is configured for operating in accordance with a distributed voice  
recognition system.

6. The apparatus as recited in claim 1, wherein said voice  
2 recognition system is configured for operating in accordance with a co-located  
voice recognition system.

7. A digital signal processing unit configured for operating in a voice  
2 recognition system and for performing front end voice recognition processing,  
said digital signal processing unit comprising:

4 a programmable front end processing portion for processing voice  
data for said voice recognition system, receiving different configuration files at  
6 different times via a communication link and programming said different  
configuration files in said programmable front end processing portion at said  
8 different times.

8. The digital signal processing unit as recited in claim 7, wherein  
2 said programmable front end processing portion is programmed to perform in  
accordance with one of said configuration files.

9. The digital signal processing unit as recited in claim 7, wherein  
2 said programmable front end processing portion is further configured for  
receiving voice data and extracting front end features of said voice data in  
4 accordance with one of said programmed configuration files.

10. The digital signal processing unit as recited in claim 7, wherein  
2 said communication link is a wireless communication link.

11. A remote station configured for performing voice recognition in a  
2 communication system, said remote unit comprising:

a programmable front end processing portion for processing voice  
4 data for said voice recognition, receiving different configuration files at different  
times via a communication link from a microprocessor and programming said  
6 different configuration files in said programmable front end processing portion at  
said different times.

12. The remote unit as recited in claim 11, wherein said  
2 communication link is configured for communication with a network hosting said  
microprocessor, wherein said voice recognition is performed in accordance with  
4 a distributed voice recognition system.

13. The remote unit as recited in claim 11, wherein said voice  
2 recognition is performed in accordance with a co-located voice recognition  
system.

14. The remote unit as recited in claim 11, wherein said  
2 communication link is a wireless communication link.

15. In a voice recognition system, a method comprising:  
2 receiving different configuration files at different times for a front end  
processing unit for processing voice data in said voice recognition system;  
4 communicating said front end configuration files via a  
communication link for configuring said front end processing unit;

6 providing said front end configuration files on said communication  
link at said different times by a microprocessor.

16. The method as recited in claim 15, wherein said communicating  
2 via said communication link is in accordance with a wireless communication.

17. The method as recited in claim 15, wherein said front end  
2 processing unit is a digital signal processor.

18. The method as recited in claim 15 further comprising:  
2 programming said different configuration files at said different  
times in said front end processing unit

19. The method as recited in claim 15 further comprising:  
2 hosting said microprocessor in a communication network, wherein  
said voice recognition system is operating in accordance with a distributed voice  
4 recognition system.

20. The method as recited in claim 15, wherein said voice recognition  
2 system is operating in accordance with a co-located voice recognition system.